

## European Solar Energy Storage

# Ireland anhui huasun energy co ltd



## Overview

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Who is Anhui huasun?

Anhui Huasun Energy Co., Ltd (hereinafter referred to as "Huasun"), founded in July 2020, is a technological innovation enterprise specialized in the R&D and large-scale manufacturing of ultra-high efficiency N-type silicon heterojunction (HJT) solar wafer, cell and module.

Who is Anhui huasun energy?

Confident in the quality of their equipment and processes — Anhui Huasun Energy Co., Ltd has opened their doors to an independent third party inspection service provider. The data provided here has been collected by the industry's most established solar testing bureau — TÜV Rheinland There are 20 foreign trading employees in the company.

Is huasun the world's largest HJT manufacturer?

Huasun now owns 20GW capacity of high-efficient HJT products, ranking as the world's largest HJT manufacturer. Huasun's factories are equipped with whole sets of temperature and humidity control equipment.

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### Anhui Huasun Energy Co., Ltd , Solar Panels , China

Anhui Huasun Energy Co., Ltd. ( hereinafter referred to as "Huasun" ) is a technological innovation enterprise specializing in the development and application of ultra-high efficient N ...

### Huasun

Anhui Huasun Energy Co., Ltd, founded in July 2020, is a technological innovation enterprise specializing in the development and application of ultra-high-efficient N-type silicon heterojunction (HJT) solar cell and module technology as well as large-scale manufacturing. The company now owns 2.7GW capacity of high-efficiency HJT solar cells and ...



### [Huasun Energy](#)

Anhui Huasun Energy Co., Ltd ( "Huasun Energy"), founded in July 2020, is a technological innovation enterprise specializing in the R& D and large-scale manufacturing of ...

### Huasun's High-Reliability Heterojunction Modules Impress at ...

At SOLAR & STORAGE LIVE KSA 2024 in Riyadh Front on October 15-16, Huasun Energy showcased its G12 and G12R high-efficiency heterojunction (HJT) solar modules, receiving acclaim for their exceptional power generation and high-temperature stability.



## Huasun Energy ESG Report 2023 Released

Chairman of Anhui Huasun Energy Co., Ltd. Click here for the full Huasun Energy ESG Report 2023. Prev : Huasun's G12-132 HJT Module Sets a New Benchmark with its Extraordinary 768.938 W Power Output. Next : ...

## Huasun Secures Spot on BNEF PV Module Maker Tier 1 List for Q3 ...

On August 23, Bloomberg New Energy Finance (BNEF) released its '3Q 2024 PV Module Maker Tier 1 List.' Huasun Energy, recognized for its high-efficiency and reliable heterojunction (HJT) photovoltaic (PV) products, strong brand presence, and robust financial foundation, has once again secured its place on the prestigious BNEF Tier 1 list.



## Huasun Delivers 1.8 GW of HJT Modules within 3 Months for ...

Huasun Energy has achieved a significant milestone in its path to bring heterojunction (HJT) solar modules to the mainstream in utility-scale photovoltaic plants. The company has

successfully produced



## 824,000 Huasun PV Panels Installed for World's Largest Single-site

Of particular note, the Apriltsi project represents the world's largest single-site heterojunction solar project. Huasun Energy, a leading global player in heterojunction technology, has been exclusively supplying HJT PV modules to the project since 2021, chosen for their exceptional performance, swift delivery, and professional service.



## Bringing High-efficiency PV to Belgium: Huasun Showcases HJT

The company highlighted its dedication to sustainability and advancing Europe's energy

## Huasun's G12-132 HJT Module Reaches New Milestone with ...

Driven by its dedication to renewable energy development, Huasun has steadily improved its Himalaya G12-132 HJT module over the past 11 months, increasing its champion power from 750.544 W to 768.938 W and raising its efficiency from 24.16% to 24.75%.

transition. Belgium is tackling coal depletion and energy import reliance by striving for a sustainable energy system. While achieving a record 1.8 GW in photovoltaic (PV) capacity in 2023, it needs to quadruple this to meet EU decarbonization targets.



## Huasun and Xinjiang Silk Road Forge GW-Level Heterojunction

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Huasun Energy has entered into a strategic cooperation framework agreement with Xinjiang Silk Road New Energy Co., Ltd (Xinjiang Silk Road), establishing a long-term partnership focused on high-efficiency heterojunction (HJT) photovoltaic products.

## Huasun's Heterojunction Innovations Dazzle at Solar & Storage ...

With its premium HJT products and services, Huasun has delivered over 7 GW of HJT products worldwide, contributing to the goal of a zero-carbon future. During the exhibition, Huasun's UK partner, Solartricity, highlighted the advantages of HJT technology, including high efficiency, high energy yield, and exceptional reliability.

 TAX FREE






### ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



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## Huasun

Anhui Huasun Energy Co., Ltd, founded in July 2020, is a technological innovation enterprise specializing in the development and application

of ultra-high-efficient N-type silicon heterojunction (HJT) solar cell ...



## Huasun Showcases HJT Solar Technology and Colored Modules at ...

Representing Huasun Energy, Christian Comes, Director of Business Development Europe, delivered a presentation titled "Understanding PV Module Supply to the European Market in 2025." His insights provided an in-depth analysis of Europe's solar market trends and highlighted the advantages of Huasun's heterojunction (HJT) solar modules.



## Huasun's Heterojunction Product Lineup Showcased at All Energy

On October 23-24, All Energy Australia 2024, the country's largest and most influential clean energy exhibition, took place in Melbourne. Huasun Energy made a strong impression with its Himalaya G12-132 V-ocean solar modules and the full range of Everest G12R products, demonstrating the remarkable potential of heterojunction (HJT) photovoltaic technology.

[Anhui Huasun Energy Co., Ltd.](https://www.huasunenergy.com)

Huasun is a technological innovation enterprise

specializing in the development and application of ultra-high-efficiency N-type silicon based heterojunction (HJT) solar technology as well as the products large-scale manufacturing. Huasun takes the lead in adopting mc-Si cell technology to GW-scale production. Anhui Huasun Energy Co., Ltd



### Everest G12R Series

Huasun's Everest series G12R product, as the industry's first rectangular wafer module in HJT sector, incorporates with 182\*105mm rectangular wafers. power output up to 640W, bifaciality up to 95%, Temp. co-efficient of -0.24%/°, first-year degradation <=1%, 30-years linear degradation <=9.7%. Integrated with perovskite tandem cell

## 2024.01.09

Huasun Energy empowers the project as the exclusive photovoltaic module provider with its high-efficiency Himalaya G12-132 heterojunction (HJT) products. The project marks a significant milestone as the largest distributed solar initiative in northern Vietnam.



## Huasun at 7th SHJ Workshop Italy: Empowering Heterojunction ...

Huasun believes HJT technology, with its ability for high-efficiency, low-cost, large-scale production, holds boundless potential. Huasun is now investing in HJT-perovskite tandem technology to further reduce photovoltaic costs,

making clean energy more accessible and contributing significantly to sustainable global energy transformation.



## Anhui Huasun Energy Co., Ltd.

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## **Huasun Hefei Base Commenced Production of 182R HJT Solar Cells**

Recently, Huasun has made significant progress with its 5GW high-efficiency HJT solar cell and module production facility in Hefei. The plant has successfully completed the first solar cell production line and produced its initial batch of 182mm rectangular (182R) heterojunction solar cells.

## **Huasun Heterojunction Full-scenario Solution 03: Plateau**

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The Huasun HJT 630 W modules feature a lower open-circuit voltage and an optimized

temperature coefficient, resulting in enhanced efficiency and stable performance. Additionally, each string can accommodate 26 Huasun 630 W modules, compared to only 24 modules for TOPCon 610 W and BC 650 W modules.



## Huasun Presents Advanced HJT Solutions to Reduce Solar LCOE at ...

At the Smart Energy Forum 2024 in Prague on October 9-10, Christian Comes, Director of Business Development Europe at Huasun Energy, presented the company's heterojunction (HJT) technology and cost-effective strategies for photovoltaic projects to over 100 industry professionals, receiving notable acclaim.

## Huasun Wins 500 MW HJT Module Bid in China Huaneng's 2024 ...

On November 15, China Huaneng Group Co., Ltd. (China Huaneng) announced the winners of its 2024 Photovoltaic Module (Second Batch) Framework Agreement Procurement Tender Project. With its leading product strength and excellent market performance, Huasun Energy successfully secured the bid for Section II: 500 MW of heterojunction (HJT) ...



## [Press Release](#)

On November 28, Bloomberg New Energy Finance (BNEF) announced its 4Q 2024 PV

Module Maker Tier 1 List, and Huasun has once again secured a spot, marking a significant achievement for the year.



## Huasun Heterojunction Full-scenario Solution: For Commercial

In the color-coated steel sheet roof project, the first-year energy generation of Huasun HJT 620 W modules surpasses that of 600W TOPCon modules by 24 hours, amounting to an additional 948.24 hours over 25 years. Additionally, they exceed the generation of 555W PERC modules by 62 hours, resulting in a total of 2316.98 extra hours over the same



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